



Docket No. FER-12790

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Martin Baumann et al.
Serial No.: 10/021558
Filed: 12 December 2001
For: SUBSTRATES WITH A SELF-CLEANING SURFACE, A PROCESS
FOR THEIR PRODUCTION AND THEIR USE
Art Unit: 1773
Examiner: Ramsey B. Zacharia

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-SB-08A. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.:
Filing Date:

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 060625 consideration of this Statement.
- (c) ☒ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
 - (1) ☐ The required certification is given below, or
 - (2) ☐ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
 - (3) ☒ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 060625.
- (d) ☐ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
 - (1) ☐ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or
 - (2) ☐ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 060625.

4. Certification (if applicable)

- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.



5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 060625.

Respectfully Submitted,

RANKIN, HILL, PORTER & CLARK LLP

By

Kenneth A. Clark
Reg. No. 32,119

925 Euclid Avenue
Suite 700
Cleveland, Ohio 44115-1405
216/566-9700

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 15 March 2004

Kathryn A. Kelley



PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/021558
Filing Date	12 December 2001
First Named Inventor	Martin Baumann
Art Unit	1773
Examiner Name	Ramsey B. Zacharia
Attorney Docket Number	FER-12790

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6649266 B1	11-18-2003	Gross et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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15 March 2004

Date of Deposit

Kathryn A. Kelley

Signature of Person Mailing Paper

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Martin Baumann et al.

Serial No.: 10/021,558

Filed: December 12, 2001

Title: SUBSTRATES WITH A SELF-CLEANING SURFACE,
A PROCESS FOR THEIR PRODUCTION AND THEIR USE

Examiner: Ramsey E. Zacharia

Art Unit: 1773

Docket No.: FER-12790

Conf. No.: 9291

STATEMENT OF RELEVANCE OF NON-ENGLISH LANGUAGE REFERENCES

Commissioner for Patents
P.O. Box 1450
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This statement is filed with Amendment "B" and the supplemental information disclosure statement "D" enclosed herewith.

The non-English reference discussed herein is:

EP 0 909 747

Verfahren zur Erzeugung einer Selbstreinigungseigenschaft von Oberflächen.

[Process for production of a self-cleaning property in Surfaces]



This document was discussed in the background of the instant application and the required statement of relevance was inadvertently omitted from the concise statement of relevance of non-English language references filed with Amendment A, on 11 August 2003.

The document EP 0 909 747 A1 discloses a method for the production of a self-cleaning property in surfaces, in particular the surfaces of roofing tiles by spraying or sprinkling with water. The surface has hydrophobic elevations having a height of 5 to 200 micrometers (μm). In order to produce the elevations, a surface is wetted with a dispersion of inert pulverulent material in a siloxane solution and the siloxane is subsequently cured. The pulverulent particles are preferably a ceramic material. There is no disclosure of nanoscale particles.

Respectfully submitted,
RANKIN, HILL, PORTER & CLARK LLP

A handwritten signature in black ink, appearing to be "K.A. Clark", written over a horizontal line.

Kenneth A. Clark
Reg. 32,119
Randolph E. Digges, III
Reg. No. 40,590
Christopher J. Korff
Reg. No. 55,342
Attorneys for the Applicant

925 Euclid Avenue
Suite 700
Cleveland, Ohio 44115-1405
(216) 566-9700